

## Recurring Cost Summary

Primary Res. and Single Line Bus.

**South Carolina  
2-Wire Voice Grade Loop**

<u>Description</u>	<u>Volume Sensitive</u>			<u>Volume Insensitive</u>		
	<u>Direct Cost</u>	<u>Shared Cost</u>	<u>Dir. &amp; Shrd.</u>	<u>Direct Cost</u>	<u>Shared Cost</u>	<u>Dir. &amp; Shrd.</u>
Recurring Cost Development Reports	\$19.9119	\$1.9793	\$21.8912	\$0.0000	\$0.0000	\$0.0000
LABOR EXPENSES:						
OTHER EXPENSES:						
Subscriber Line Testing	\$0.2915	\$0.0000	\$0.2915	\$0.0000	\$0.0000	\$0.0000
Total Monthly Cost Per Access Line - NTW	<u>\$0.0958</u>	<u>\$0.0000</u>	<u>\$0.0958</u>	<u>\$0.0000</u>	<u>\$0.0000</u>	<u>\$0.0000</u>
Total Monthly Cost	<u>\$20.2992</u>	<u>\$1.9793</u>	<u>\$22.2785</u>	<u>\$0.0000</u>	<u>\$0.0000</u>	<u>\$0.0000</u>
Gross Receipts Tax Factor			X 1.0000			X 1.0000
Cost (Including Gross Receipts Tax)			<u>\$22.2785</u>			<u>\$0.0000</u>
Common Cost Factor			X 1.0000			X 1.0000
Monthly Economic Cost			<u>\$22.2785</u>			<u>\$0.0000</u>
<b><u>Total Monthly Economic Cost: \$22.2785</u></b>						

**South Carolina  
2-Wire Voice Grade Loop**

Description	A		B	C=AxB	D1	D2	D3	D4	D5	E=Cx(D1xD2 x...xD5)	F	G=ExF	
	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	In-Plant Factors (Default = 1)					In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
						Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardware Factor			
Aerial Ca - Metal - Building Entrance	12C	00	\$0.0033	1.1254	\$0.0037	NA	4.5770	NA	NA	NA	\$0.0171	NA	\$0.0171
Aerial Ca - Metal - Building Entrance 24-Guage	12C4	00	\$0.0069	1.1254	\$0.0078	NA	4.5770	NA	NA	NA	\$0.0356	NA	\$0.0356
Aerial Ca - Metal	22C	00	\$4.1882	1.1254	\$4.7136	NA	5.5451	NA	NA	NA	\$26.1372	NA	\$26.1372
Aerial Ca - Metal - Drop	22C	01	\$18.3418	1.1254	\$20.6426	NA	NA	NA	NA	NA	\$20.6426	NA	\$20.6426
Aerial Ca - Metal 24-Guage	22C4	00	\$28.4901	1.1254	\$32.0640	NA	5.5451	NA	NA	NA	\$177.7969	NA	\$177.7969
Digitl Circ - Pair Gain - C.O. - Hardwired - MCEP	257C	03	\$6.4436	0.9800	\$6.3148	NA	NA	NA	NA	2.4993	\$15.7826	1.0410	\$16.4294
Digitl Circ - Pair Gain - C.O. - Com. Plug-in - MCEP	257C	06	\$25.1046	0.9800	\$24.6025	NA	NA	NA	1.1412	NA	\$28.0755	1.0410	\$29.2260
Digitl Circ - Pair Gain - C.O. - Def. Plug-in - MCEP W/O Sp. Stock	257C	12	\$7.8322	0.9800	\$7.6756	NA	NA	NA	1.1412	NA	\$8.7591	1.0410	\$9.1180
Digitl Circ - Pair Gain - Prem - Hardwired - Power Only	257C	19	\$0.0023	0.9800	\$0.0023	NA	NA	NA	NA	2.4993	\$0.0056	1.0389	\$0.0058
Digitl Circ - Pair Gain - Prem - Com. Plug-in - Power Only	257C	22	\$0.0050	0.9800	\$0.0049	NA	NA	NA	1.1412	NA	\$0.0056	1.0389	\$0.0058
Digitl Circ - Pair Gain - Prem - Def. Plug-in - Power Only W/O Sp. Stock	257C	28	\$0.0181	0.9800	\$0.0177	NA	NA	NA	1.1412	NA	\$0.0202	1.0389	\$0.0210
Digitl Circ - Pair Gain - Remote - Hardwired - Power Only	257C	37	\$53.8989	0.9800	\$52.8210	NA	NA	NA	NA	2.4993	\$132.0167	1.0389	\$137.1495
Digitl Circ - Pair Gain - Remote - Com. Plug-in - Power Only	257C	40	\$41.9523	0.9800	\$41.1133	NA	NA	NA	1.1412	NA	\$46.9170	1.0389	\$48.7411
Digitl Circ - Pair Gain - Remote - Def. Plug-in - Power Only W/O Sp. Stock	257C	46	\$35.1073	0.9800	\$34.4051	NA	NA	NA	1.1412	NA	\$39.2619	1.0389	\$40.7884
Digital Elec Switch - MDF	377C	05	\$3.3800	1.0338	\$3.4941	NA	1.3042	NA	NA	NA	\$4.5572	1.1070	\$5.0449
Buried Ca - Metal	45C	00	\$7.3405	1.1037	\$8.1014	NA	5.5256	NA	NA	NA	\$44.7649	NA	\$44.7649
Buried Ca - Metal - Drop	45C	01	\$47.3155	1.1037	\$52.2201	NA	NA	NA	NA	NA	\$52.2201	NA	\$52.2201
Buried Ca - Metal 24-Guage	45C4	00	\$47.7588	1.1037	\$52.7094	NA	5.5256	NA	NA	NA	\$291.2495	NA	\$291.2495
Intrbld Network - Metal	52C	00	\$0.6194	1.1325	\$0.7015	NA	5.2451	NA	NA	NA	\$3.6792	NA	\$3.6792
Intrbld Network - Metal 24-Guage	52C4	00	\$0.0668	1.1325	\$0.0756	NA	5.2451	NA	NA	NA	\$0.3965	NA	\$0.3965
Underground Ca - Metal	5C	00	\$3.5894	1.1325	\$4.0649	NA	3.2116	NA	NA	NA	\$13.0547	NA	\$13.0547
Underground Ca - Metal 24-Guage	5C4	00	\$5.6670	1.1325	\$6.4177	NA	3.2116	NA	NA	NA	\$20.6110	NA	\$20.6110
Aerial Ca - Fiber - Building Entrance	812C	00	\$0.0000	1.0235	\$0.0000	NA	1.5563	NA	NA	NA	\$0.0000	NA	\$0.0000
Aerial Ca - Fiber	822C	00	\$6.8518	1.0235	\$7.0126	NA	2.4188	NA	NA	NA	\$16.9619	NA	\$16.9619
Buried Ca - Fiber	845C	00	\$7.5666	1.0578	\$8.0040	NA	5.5551	NA	NA	NA	\$44.4632	NA	\$44.4632
Underground Ca - Fiber	85C	00	\$1.6982	0.9933	\$1.6868	NA	1.8985	NA	NA	NA	\$3.2024	NA	\$3.2024
											\$990.6346		\$1,001.7630

**South Carolina**  
**2-Wire Voice Grade Loop**

	A=Prev Page Col G		B	C=AxB	D	E=AxD	F	G=AxF	H	I=AxH	
Description	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Aerial Ca - Metal - Building Entrance	12C	00	\$0.0171	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Aerial Ca - Metal - Building Entrance 24-Guage	12C4	00	\$0.0356	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Aerial Ca - Metal	22C	00	\$26.1372	NA	\$0.0000	NA	\$0.0000	0.3231	\$8.4459	NA	\$0.0000
Aerial Ca - Metal - Drop	22C	01	\$20.6426	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Aerial Ca - Metal 24-Guage	22C4	00	\$177.7969	NA	\$0.0000	NA	\$0.0000	0.3231	\$57.4526	NA	\$0.0000
Digitl Circ - Pair Gain - C.O. - Hardwired - MCEP	257C	03	\$16.4294	0.0068	\$0.1121	0.1361	\$2.2358	NA	\$0.0000	NA	\$0.0000
Digitl Circ - Pair Gain - C.O. - Com. Plug-in - MCEP	257C	06	\$29.2260	0.0068	\$0.1994	0.1361	\$3.9773	NA	\$0.0000	NA	\$0.0000
Digitl Circ - Pair Gain - C.O. - Def. Plug-in - MCEP W/O Sp. Stock	257C	12	\$9.1180	0.0068	\$0.0622	0.1361	\$1.2408	NA	\$0.0000	NA	\$0.0000
Digitl Circ - Pair Gain - Prem - Hardwired - Power Only	257C	19	\$0.0058	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Digitl Circ - Pair Gain - Prem - Com. Plug-in - Power Only	257C	22	\$0.0058	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Digitl Circ - Pair Gain - Prem - Def. Plug-in - Power Only W/O Sp. Stock	257C	28	\$0.0210	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Digitl Circ - Pair Gain - Remote - Hardwired - Power Only	257C	37	\$137.1495	0.0068	\$0.9358	0.1361	\$18.6641	NA	\$0.0000	NA	\$0.0000
Digitl Circ - Pair Gain - Remote - Com. Plug-in - Power Only	257C	40	\$48.7411	0.0068	\$0.3326	0.1361	\$6.6330	NA	\$0.0000	NA	\$0.0000
Digitl Circ - Pair Gain - Remote - Def. Plug-in - Power Only W/O Sp. Stock	257C	46	\$40.7884	0.0068	\$0.2783	0.1361	\$5.5507	NA	\$0.0000	NA	\$0.0000
Digital Elec Switch - MDF	377C	05	\$5.0449	0.0068	\$0.0344	0.1361	\$0.6865	NA	\$0.0000	NA	\$0.0000
Buried Ca - Metal	45C	00	\$44.7649	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Buried Ca - Metal - Drop	45C	01	\$52.2201	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Buried Ca - Metal 24-Guage	45C4	00	\$291.2495	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Intrbld Network - Metal	52C	00	\$3.6792	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Intrbld Network - Metal 24-Guage	52C4	00	\$0.3965	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Underground Ca - Metal	5C	00	\$13.0547	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	0.8752	\$11.4258
Underground Ca - Metal 24-Guage	5C4	00	\$20.6110	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	0.8752	\$18.0393
Aerial Ca - Fiber - Building Entrance	812C	00	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Aerial Ca - Fiber	822C	00	\$16.9619	NA	\$0.0000	NA	\$0.0000	0.3231	\$5.4810	NA	\$0.0000
Buried Ca - Fiber	845C	00	\$44.4632	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
Underground Ca - Fiber	85C	00	\$3.2024	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	0.8752	\$2.8029
				FRC 20C:	\$1.9549	FRC 10C:	\$38.9883	FRC 1C:	\$71.3795	FRC 4C:	\$32.2680

**South Carolina  
2-Wire Voice Grade Loop**

		A	B=AxFactor	C=AxFactor	D=AxFactor	E=AxFactor	F=AxFactor	I=(B+C+D +E+F)
Description	FRC	Investment	Depreciation & Factor	Cost of	Income	Plant	Ad Valorem	Direct
				Money & Factor	Tax & Factor	Specific Expense & Factor		
Buildings - COE	10C	\$38.9883	\$0.8173 0.0210	\$3.4822 0.0893	\$1.6518 0.0424	\$2.6780 0.0687	\$0.5161 0.0132	\$9.1454
Aerial Ca - Metal - Building Entrance	12C	\$0.0527	\$0.0041 0.0775	\$0.0035 0.0669	\$0.0017 0.0317	\$0.0014 0.0275	\$0.0007 0.0132	\$0.0114
Poles	1C	\$71.3795	\$3.1303 0.0439	\$5.1600 0.0723	\$2.4477 0.0343	\$1.0220 0.0143	\$0.9449 0.0132	\$12.7050
Land - COE	20C	\$1.9549	\$0.0000 0.0000	\$0.2199 0.1125	\$0.1043 0.0534	\$0.0000 0.0000	\$0.0259 0.0132	\$0.3501
Aerial Ca - Metal	22C	\$203.9342	\$15.8017 0.0775	\$13.6349 0.0669	\$6.4679 0.0317	\$5.6090 0.0275	\$2.6997 0.0132	\$44.2133
Aerial Ca - Metal - Drop	22C	\$20.6426	\$1.5995 0.0775	\$1.3802 0.0669	\$0.6547 0.0317	\$0.5678 0.0275	\$0.2733 0.0132	\$4.4754
Digtl Circ - Pair Gain	257C	\$281.4851	\$31.6060 0.1123	\$13.8155 0.0491	\$6.5536 0.0233	\$6.1810 0.0220	\$3.7264 0.0132	\$61.8825
Digital Elec Switch	377C	\$5.0449	\$0.4975 0.0986	\$0.2590 0.0513	\$0.1229 0.0244	\$0.1682 0.0333	\$0.0668 0.0132	\$1.1143
Buried Ca - Metal	45C	\$336.0145	\$24.1549 0.0719	\$22.6783 0.0675	\$10.7578 0.0320	\$8.5572 0.0255	\$4.4482 0.0132	\$70.5963
Buried Ca - Metal - Drop	45C	\$52.2201	\$3.7539 0.0719	\$3.5244 0.0675	\$1.6719 0.0320	\$1.3299 0.0255	\$0.6913 0.0132	\$10.9714
Conduit Systems	4C	\$32.2680	\$0.3814	\$2.6561	\$1.2599	\$0.0618	\$0.4272	\$4.7864

**South Carolina  
2-Wire Voice Grade Loop**

		A	B=AxFactor	C=AxFactor	D=AxFactor	E=AxFactor	F=AxFactor	I=(B+C+D +E+F)
<u>Description</u>	<u>FRC</u>	<u>Investment</u>	<u>Depreciation &amp; Factor</u>	<u>Cost of Money &amp; Factor</u>	<u>Income Tax &amp; Factor</u>	<u>Plant Specific Expense &amp; Factor</u>	<u>Ad Valorem Expense &amp; Factor</u>	<u>Direct Cost</u>
			0.0118	0.0823	0.0390	0.0019	0.0132	
Intrbld Network - Metal	52C	\$4.0757	\$0.2358	\$0.2712	\$0.1287	\$0.0083	\$0.0540	\$0.6980
			0.0579	0.0665	0.0316	0.0020	0.0132	
Underground Ca - Metal	5C	\$33.6657	\$2.6453	\$2.2489	\$1.0668	\$0.5255	\$0.4457	\$6.9322
			0.0786	0.0668	0.0317	0.0156	0.0132	
Aerial Ca - Fiber - Building Entrance	812C	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			0.0600	0.0665	0.0316	0.0050	0.0132	
Aerial Ca - Fiber	822C	\$16.9619	\$1.0172	\$1.1288	\$0.5354	\$0.0854	\$0.2245	\$2.9913
			0.0600	0.0665	0.0316	0.0050	0.0132	
Buried Ca - Fiber	845C	\$44.4632	\$2.4560	\$2.9903	\$1.4185	\$0.0608	\$0.5886	\$7.5143
			0.0552	0.0673	0.0319	0.0014	0.0132	
Underground Ca - Fiber	85C	\$3.2024	\$0.1835	\$0.2120	\$0.1006	\$0.0171	\$0.0424	\$0.5555
			0.0573	0.0662	0.0314	0.0053	0.0132	
		<u>\$1,146.3536</u>						<u>\$238.9429</u>
Monthly Cost(Total / 12):								\$19.9119

**South Carolina  
2-Wire Voice Grade Loop**

	A	B=Prev Rpt Col I	C	D=AxC	E=B+D	
<u>Description</u>	<u>FRC</u>	<u>Investment</u>	<u>Direct Cost</u>	<u>Shared Cost Factor</u>	<u>Shared Cost</u>	<u>ir. &amp; Shrd.</u>
Buildings - COE	10C	\$38.9883	\$9.1454	0.0001	\$0.0042	\$9.1496
Aerial Ca - Metal - Building Entrance	12C	\$0.0527	\$0.0114	0.0277	\$0.0015	\$0.0129
Poles	1C	\$71.3795	\$12.7050	0.0137	\$0.9801	\$13.6851
Land - COE	20C	\$1.9549	\$0.3501	0.0000	\$0.0000	\$0.3501
Aerial Ca - Metal	22C	\$203.9342	\$44.2133	0.0277	\$5.6450	\$49.8583
Aerial Ca - Metal - Drop	22C	\$20.6426	\$4.4754	0.0277	\$0.5714	\$5.0468
Digitl Circ - Pair Gain	257C	\$281.4851	\$61.8825	0.0171	\$4.8176	\$66.7001
Digital Elec Switch	377C	\$5.0449	\$1.1143	0.0167	\$0.0842	\$1.1985
Buried Ca - Metal	45C	\$336.0145	\$70.5963	0.0246	\$8.2512	\$78.8476
Buried Ca - Metal - Drop	45C	\$52.2201	\$10.9714	0.0246	\$1.2823	\$12.2537
Conduit Systems	4C	\$32.2680	\$4.7864	0.0098	\$0.3164	\$5.1028

**South Carolina  
2-Wire Voice Grade Loop**

	A	B=Prev Rpt Col I	C	D=AxC	E=B+D	
<u>Description</u>	<u>FRC</u>	<u>Investment</u>	<u>Direct Cost</u>	<u>Shared Cost Factor</u>	<u>Shared Cost</u>	<u>ir. &amp; Shrd.</u>
Intrbld Network - Metal	52C	\$4.0757	\$0.6980	0.0135	\$0.0549	\$0.7530
Underground Ca - Metal	5C	\$33.6657	\$6.9322	0.0191	\$0.6425	\$7.5747
Aerial Ca - Fiber - Building Entrance	812C	\$0.0000	\$0.0000	0.0219	\$0.0000	\$0.0000
Aerial Ca - Fiber	822C	\$16.9619	\$2.9913	0.0219	\$0.3707	\$3.3619
Buried Ca - Fiber	845C	\$44.4632	\$7.5143	0.0151	\$0.6729	\$8.1872
Underground Ca - Fiber	85C	\$3.2024	\$0.5555	0.0177	\$0.0565	\$0.6120
		<u>\$1,146.3536</u>	<u>\$238.9429</u>		<u>\$23.7514</u>	<u>\$262.6943</u>
Monthly Costs (Total / 12):			\$19.9119		\$1.9793	\$21.8912

11/6/2001

**Recurring Cost Summary**

Primary Res. and Single Line Bus.

**South Carolina  
Exchange Port - 2-Wire Line Port**

<u>Description</u>	<u>Volume Sensitive</u>			<u>Volume Insensitive</u>		
	<u>Direct Cost</u>	<u>Shared Cost</u>	<u>Dir. &amp; Shrd.</u>	<u>Direct Cost</u>	<u>Shared Cost</u>	<u>Dir. &amp; Shrd.</u>
Recurring Cost Development Reports	\$1.3104	\$0.0862	\$1.3966	\$0.0845	\$0.0000	\$0.0845
LABOR EXPENSES:						
OTHER EXPENSES:						
Total Monthly Cost	<u>\$1.3104</u>	<u>\$0.0862</u>	<u>\$1.3966</u>	<u>\$0.0845</u>	<u>\$0.0000</u>	<u>\$0.0845</u>
Gross Receipts Tax Factor			X 1.0000			X 1.0000
Cost (Including Gross Receipts Tax)			<u>\$1.3966</u>			<u>\$0.0845</u>
Common Cost Factor			X 1.0000			X 1.0000
Monthly Economic Cost			<u>\$1.3966</u>			<u>\$0.0845</u>

**Total Monthly Economic Cost: \$1.4810**



11/6/2001

Investment Development - Volume Sensitive

Primary Res and Single Line Bus

South Carolina  
Exchange Port - 2-Wire Line Port

Description	FRC	Sub FRC	A	B	C=AxB	D1	D2	D3	D4	D5	E=Cx(D1xD2 x...xD5)	F	G=ExF
			Material	Inflation Factor	Adjusted Material	In-Plant Factors (Default = 1)					In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
						Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor			
Digital Elec Switch - Vendor EF&I - MCEP	377C	03	\$48.1848	1.0338	\$49.8120	NA	NA	1.1226	NA	NA	\$55.9195	1.1070	\$61.9031
Digital Elec Switch - MDF	377C	05	\$0.0000	1.0338	\$0.0000	NA	1.3042	NA	NA	NA	\$0.0000	1.1070	\$0.0000
Intangibles - Network Switch Software RTU	560C	00	\$0.0000	NA	\$0.0000	NA	NA	NA	NA	NA	\$0.0000	NA	\$0.0000
											\$55.9195		\$61.9031

11/6/2001

Land, Building, Pole, and Conduit Investment Development - Volume Sensitive

Primary Res and Single Line Bus

South Carolina  
Exchange Port - 2-Wire Line Port

A=Prev Page Col G      B      C=AxB      D      E=AxD      F      G=AxF      H      I=AxH

<u>Description</u>	<u>FRC</u>	<u>Sub FRC</u>	<u>Investment</u>	<u>Land Factor</u>	<u>Land Investment</u>	<u>Building Factor</u>	<u>Building Investment</u>	<u>Pole Factor</u>	<u>Pole Investment</u>	<u>Conduit Factor</u>	<u>Conduit Investment</u>
Digital Elec Switch - Vendor EF&I - MCEP	377C	03	\$61.9031	0.0068	\$0.4224	0.1361	\$8.4242	NA	\$0.0000	NA	\$0.0000
Digital Elec Switch - MDF	377C	05	\$0.0000	0.0068	\$0.0000	0.1361	\$0.0000	NA	\$0.0000	NA	\$0.0000
Intangibles - Network Switch Software RTU	560C	00	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
				<b>FRC 20C:</b>	<u>\$0.4224</u>	<b>FRC 10C:</b>	<u>\$8.4242</u>	<b>FRC 1C:</b>	<u>\$0.0000</u>	<b>FRC 4C:</b>	<u>\$0.0000</u>

11/6/2001

## Recurring Direct Cost Development - Volume Sensitive

Primary Res. and Single Line Bus.

**South Carolina**  
**Exchange Port - 2-Wire Line Port**

		A	B=AxFactor	C=AxFactor	D=AxFactor	E=AxFactor	F=AxFactor	I=(B+C+D +E+F)
						Plant Specific Expense & Factor	Ad Valorem Expense & Factor	
Description	FRC	Investment	Depreciation & Factor	Cost of Money & Factor	Income Tax & Factor			Direct Cost
Buildings - COE	10C	\$8.4242	\$0.1766 0.0210	\$0.7524 0.0893	\$0.3569 0.0424	\$0.5786 0.0687	\$0.1115 0.0132	\$1.9760
Poles	1C	\$0.0000	\$0.0000 0.0439	\$0.0000 0.0723	\$0.0000 0.0343	\$0.0000 0.0143	\$0.0000 0.0132	\$0.0000
Land - COE	20C	\$0.4224	\$0.0000 0.0000	\$0.0475 0.1125	\$0.0225 0.0534	\$0.0000 0.0000	\$0.0056 0.0132	\$0.0756
Digital Elec Switch	377C	\$61.9031	\$6.1042 0.0986	\$3.1783 0.0513	\$1.5077 0.0244	\$2.0639 0.0333	\$0.8195 0.0132	\$13.6735
Conduit Systems	4C	\$0.0000	\$0.0000 0.0118	\$0.0000 0.0823	\$0.0000 0.0390	\$0.0000 0.0019	\$0.0000 0.0132	\$0.0000
Intangibles - Network Switch Software RTU	560C	\$0.0000	\$0.0000 0.3333	\$0.0000 0.0525	\$0.0000 0.0249	\$0.0000 NA	\$0.0000 0.0132	\$0.0000
		<u>\$70.7497</u>					<u>0.0132</u>	<u>\$15.7252</u>
Monthly Cost(Total / 12):								\$1.3104

11/6/2001

## Recurring Cost Development - Volume Sensitive

Primary Res. and Single Line Bus.

**South Carolina**  
**Exchange Port - 2-Wire Line Port**

		A	B=Prev Rpt Col I	C	D=AxC	E=B+D
<u>Description</u>	<u>FRC</u>	<u>Investment</u>	<u>Direct Cost</u>	<u>Shared Cost Factor</u>	<u>Shared Cost</u>	<u>ir. &amp; Shrd.</u>
Buildings - COE	10C	\$8.4242	\$1.9760	0.0001	\$0.0009	\$1.9769
Poles	1C	\$0.0000	\$0.0000	0.0137	\$0.0000	\$0.0000
Land - COE	20C	\$0.4224	\$0.0756	0.0000	\$0.0000	\$0.0756
Digital Elec Switch	377C	\$61.9031	\$13.6735	0.0167	\$1.0330	\$14.7065
Conduit Systems	4C	\$0.0000	\$0.0000	0.0098	\$0.0000	\$0.0000
Intangibles - Network Switch Software RTU	560C	\$0.0000	\$0.0000	NA	\$0.0000	\$0.0000
		<u>\$70.7497</u>	<u>\$15.7252</u>		<u>\$1.0339</u>	<u>\$16.7591</u>
Monthly Costs (Total / 12):			\$1.3104		\$0.0862	\$1.3966

11/6/2001

Investment Development - Volume Insensitive

Primary Res and Single Line Bus.

South Carolina  
Exchange Port - 2-Wire Line Port

			A	B	C=AxB	D1	D2	D3	D4	D5	E=Cx(D1xD2 x...xD5)	F	G=ExF
Description	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	In-Plant Factors (Default = 1)					In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
						Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor			
Digital Elec Switch - Vendor EF&I - MCEP	377C	03	\$0.0000	1.0338	\$0.0000	NA	NA	1.1226	NA	NA	\$0.0000	1.1070	\$0.0000
Digital Elec Switch - MDF	377C	05	\$0.0000	1.0338	\$0.0000	NA	1.3042	NA	NA	NA	\$0.0000	1.1070	\$0.0000
Intangibles - Network Switch Software RTU	560C	00	\$2.3904	NA	\$2.3904	NA	NA	NA	NA	NA	\$2.3904	NA	\$2.3904
											\$2.3904		\$2.3904

11/6/2001

Land, Building, Pole, and Conduit Investment Development - Volume Insensitive

Primary Res. and Single Line Bus.

South Carolina  
Exchange Port - 2-Wire Line Port

			A=Prev Page Col G	B	C=AxB	D	E=AxD	F	G=AxF	H	I=AxH
Description	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Digital Elec Switch - Vendor EF&I - MCEP	377C	03	\$0.0000	0.0068	\$0.0000	0.1361	\$0.0000	NA	\$0.0000	NA	\$0.0000
Digital Elec Switch - MDF	377C	05	\$0.0000	0.0068	\$0.0000	0.1361	\$0.0000	NA	\$0.0000	NA	\$0.0000
Intangibles - Network Switch Software RTU	560C	00	\$2.3904	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
				FRC 20C:	\$0.0000	FRC 10C:	\$0.0000	FRC 1C:	\$0.0000	FRC 4C:	\$0.0000

11/6/2001

## Recurring Direct Cost Development - Volume Insensitive

Primary Res. and Single Line Bus

**South Carolina**  
**Exchange Port - 2-Wire Line Port**

<u>Description</u>	<u>FRC</u>	<u>Investment</u>	<div style="display: flex; justify-content: space-between; font-size: small;"> <span>A</span> <span>B=AxFactor</span> <span>C=AxFactor</span> <span>D=AxFactor</span> <span>E=AxFactor</span> <span>F=AxFactor</span> <span>I=(B+C+D+E+F)</span> </div>					<u>Direct Cost</u>
			<u>Depreciation &amp; Factor</u>	<u>Cost of Money &amp; Factor</u>	<u>Income Tax &amp; Factor</u>	<u>Plant Specific Expense &amp; Factor</u>	<u>Ad Valorem Expense &amp; Factor</u>	
Land - COE	20C	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			0.0000	0.1125	0.0534	0.0000	0.0132	
Buildings - COE	10C	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			0.0210	0.0893	0.0424	0.0687	0.0132	
Poles	1C	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			0.0439	0.0723	0.0343	0.0143	0.0132	
Conduit Systems	4C	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			0.0118	0.0823	0.0390	0.0019	0.0132	
Digital Elec Switch	377C	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			0.0986	0.0513	0.0244	0.0333	0.0132	
Intangibles - Network Switch Software RTU	560C	\$2.3904	\$0.7968	\$0.1255	\$0.0595	\$0.0000	\$0.0316	\$1.0135
			0.3333	0.0525	0.0249	NA	0.0132	
		<u>\$2.3904</u>						<u>\$1.0135</u>
Monthly Cost(Total / 12)								\$0.0845

11/6/2001

**Recurring Cost Development - Volume Insensitive**

Primary Res. and Single Line Bus.

**South Carolina  
Exchange Port - 2-Wire Line Port**

		A	B=Prev Rpt Col I	C	D=AxC	E=B+D
<u>Description</u>	<u>FRC</u>	<u>Investment</u>	<u>Direct Cost</u>	<u>Shared Cost Factor</u>	<u>Shared Cost</u>	<u>ir. &amp; Shrd.</u>
Land - COE	20C	\$0.0000	\$0.0000	0.0000	\$0.0000	\$0.0000
Buildings - COE	10C	\$0.0000	\$0.0000	0.0001	\$0.0000	\$0.0000
Poles	1C	\$0.0000	\$0.0000	0.0137	\$0.0000	\$0.0000
Conduit Systems	4C	\$0.0000	\$0.0000	0.0098	\$0.0000	\$0.0000
Digital Elec Switch	377C	\$0.0000	\$0.0000	0.0167	\$0.0000	\$0.0000
Intangibles - Network Switch Software RTU	560C	\$2.3904	\$1.0135	NA	\$0.0000	\$1.0135
		\$2.3904	\$1.0135		\$0.0000	\$1.0135
Monthly Costs (Total / 12):			\$0.0845		\$0.0000	\$0.0845



## Recurring Cost Summary

Primary Res. and Single Line Bus.

**Tennessee**  
**2-Wire Voice Grade Loop**

<u>Description</u>	<u>Volume Sensitive</u>			<u>Volume Insensitive</u>		
	<u>Direct Cost</u>	<u>Shared Cost</u>	<u>Dir. &amp; Shrd.</u>	<u>Direct Cost</u>	<u>Shared Cost</u>	<u>Dir. &amp; Shrd.</u>
Recurring Cost Development Reports	\$17.6625	\$1.7371	\$19.3996	\$0.0000	\$0.0000	\$0.0000
LABOR EXPENSES:						
OTHER EXPENSES:						
Subscriber Line Testing	\$0.2061	\$0.0000	\$0.2061	\$0.0000	\$0.0000	\$0.0000
Total Monthly Cost Per Access Line - NTW	<u>\$0.1301</u>	<u>\$0.0000</u>	<u>\$0.1301</u>	<u>\$0.0000</u>	<u>\$0.0000</u>	<u>\$0.0000</u>
Total Monthly Cost	<u>\$17.9987</u>	<u>\$1.7371</u>	<u>\$19.7358</u>	<u>\$0.0000</u>	<u>\$0.0000</u>	<u>\$0.0000</u>
Gross Receipts Tax Factor			X 1.0000			X 1.0000
Cost (Including Gross Receipts Tax)			<u>\$19.7358</u>			<u>\$0.0000</u>
Common Cost Factor			X 1.0000			X 1.0000
Monthly Economic Cost			<u>\$19.7358</u>			<u>\$0.0000</u>
<b><u>Total Monthly Economic Cost: \$19.7358</u></b>						

**Tennessee**  
**2-Wire Voice Grade Loop**

			A	B	C=AxB	D1	D2	D3	D4	D5	E=Cx(D1xD2 x...xD5)	F	G=ExF
Description	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	In-Plant Factors (Default = 1)					In-Plant Investment	Supporting Equipment &/or Power Loading	Total Investment
						Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor			
Aerial Ca - Metal - Building Entrance	12C	00	\$0.0037	1.1254	\$0.0041	NA	4.5878	NA	NA	NA	\$0.0189	NA	\$0.0189
Aerial Ca - Metal - Building Entrance 24-Guage	12C4	00	\$0.0056	1.1254	\$0.0063	NA	4.5878	NA	NA	NA	\$0.0287	NA	\$0.0287
Aerial Ca - Metal	22C	00	\$4.1737	1.1254	\$4.6972	NA	3.4998	NA	NA	NA	\$16.4393	NA	\$16.4393
Aerial Ca - Metal - Drop	22C	01	\$17.6107	1.1254	\$19.8198	NA	NA	NA	NA	NA	\$19.8198	NA	\$19.8198
Aerial Ca - Metal 24-Guage	22C4	00	\$27.9166	1.1254	\$31.4185	NA	3.4998	NA	NA	NA	\$109.9577	NA	\$109.9577
Digitl Circ - Pair Gain - C.O. - Hardwired - MCEP	257C	03	\$7.0689	0.9800	\$6.9275	NA	NA	NA	NA	2.2180	\$15.3653	1.0274	\$15.7861
Digitl Circ - Pair Gain - C.O. - Com. Plug-in - MCEP	257C	06	\$27.8501	0.9800	\$27.2931	NA	NA	NA	1.2061	NA	\$32.9195	1.0274	\$33.8211
Digitl Circ - Pair Gain - C.O. - Def. Plug-in - MCEP W/O Sp. Stock	257C	12	\$8.2589	0.9800	\$8.0937	NA	NA	NA	1.2061	NA	\$9.7622	1.0274	\$10.0296
Digitl Circ - Pair Gain - Prem - Hardwired - Power Only	257C	19	\$0.0039	0.9800	\$0.0038	NA	NA	NA	NA	2.2180	\$0.0085	1.0251	\$0.0087
Digitl Circ - Pair Gain - Prem - Com. Plug-in - Power Only	257C	22	\$0.0082	0.9800	\$0.0081	NA	NA	NA	1.2061	NA	\$0.0097	1.0251	\$0.0100
Digitl Circ - Pair Gain - Prem - Def. Plug-in - Power Only W/O Sp. Stock	257C	28	\$0.0289	0.9800	\$0.0283	NA	NA	NA	1.2061	NA	\$0.0342	1.0251	\$0.0350
Digitl Circ - Pair Gain - Remote - Hardwired - Power Only	257C	37	\$58.8698	0.9800	\$57.6924	NA	NA	NA	NA	2.2180	\$127.9614	1.0251	\$131.1680
Digitl Circ - Pair Gain - Remote - Com. Plug-in - Power Only	257C	40	\$46.9684	0.9800	\$46.0290	NA	NA	NA	1.2061	NA	\$55.5179	1.0251	\$56.9091
Digitl Circ - Pair Gain - Remote - Def. Plug-in - Power Only W/O Sp. Stock	257C	46	\$35.8407	0.9800	\$35.1239	NA	NA	NA	1.2061	NA	\$42.3646	1.0251	\$43.4263
Digital Elec Switch - MDF	377C	05	\$3.3000	1.0338	\$3.4114	NA	1.3120	NA	NA	NA	\$4.4757	1.1146	\$4.9884
Buried Ca - Metal	45C	00	\$7.6168	1.1037	\$8.4064	NA	5.3455	NA	NA	NA	\$44.9364	NA	\$44.9364
Buried Ca - Metal - Drop	45C	01	\$45.1640	1.1037	\$49.8456	NA	NA	NA	NA	NA	\$49.8456	NA	\$49.8456
Buried Ca - Metal 24-Guage	45C4	00	\$44.7849	1.1037	\$49.4272	NA	5.3455	NA	NA	NA	\$264.2141	NA	\$264.2141
Intrblnd Network - Metal	52C	00	\$0.4959	1.1325	\$0.5616	NA	3.9305	NA	NA	NA	\$2.2074	NA	\$2.2074
Intrblnd Network - Metal 24-Guage	52C4	00	\$0.0528	1.1325	\$0.0598	NA	3.9305	NA	NA	NA	\$0.2350	NA	\$0.2350
Underground Ca - Metal	5C	00	\$4.4063	1.1325	\$4.9901	NA	3.7576	NA	NA	NA	\$18.7506	NA	\$18.7506
Underground Ca - Metal 24-Guage	5C4	00	\$6.1459	1.1325	\$6.9601	NA	3.7576	NA	NA	NA	\$26.1532	NA	\$26.1532
Aerial Ca - Fiber - Building Entrance	812C	00	\$0.0000	1.0235	\$0.0000	NA	3.9802	NA	NA	NA	\$0.0000	NA	\$0.0000
Aerial Ca - Fiber	822C	00	\$8.1711	1.0235	\$8.3629	NA	2.1716	NA	NA	NA	\$18.1606	NA	\$18.1606
Buried Ca - Fiber	845C	00	\$9.0599	1.0578	\$9.5836	NA	3.6689	NA	NA	NA	\$35.1610	NA	\$35.1610
Underground Ca - Fiber	85C	00	\$1.7861	0.9933	\$1.7742	NA	1.9277	NA	NA	NA	\$3.4200	NA	\$3.4200
											\$897.7672		\$905.5306

**Tennessee**  
**2-Wire Voice Grade Loop**

	A=Prev Page Col G		B	C=AxB	D	E=AxD	F	G=AxF	H	I=AxH		
<u>Description</u>	<u>FRC</u>	<u>Sub FRC</u>	<u>Investment</u>	<u>Land Factor</u>	<u>Land Investment</u>	<u>Building Factor</u>	<u>Building Investment</u>	<u>Pole Factor</u>	<u>Pole Investment</u>	<u>Conduit Factor</u>	<u>Conduit Investment</u>	
Aerial Ca - Metal - Building Entrance	12C	00	\$0.0189	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Aerial Ca - Metal - Building Entrance 24-Guage	12C4	00	\$0.0287	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Aerial Ca - Metal	22C	00	\$16.4393	NA	\$0.0000	NA	\$0.0000	0.3217	\$5.2893	NA	\$0.0000	
Aerial Ca - Metal - Drop	22C	01	\$19.8198	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Aerial Ca - Metal 24-Guage	22C4	00	\$109.9577	NA	\$0.0000	NA	\$0.0000	0.3217	\$35.3784	NA	\$0.0000	
Digitl Circ - Pair Gain - C.O. - Hardwired - MCEP	257C	03	\$15.7861	0.0045	\$0.0709	0.1163	\$1.8354	NA	\$0.0000	NA	\$0.0000	
Digitl Circ - Pair Gain - C.O. - Com. Plug-in - MCEP	257C	06	\$33.8211	0.0045	\$0.1519	0.1163	\$3.9323	NA	\$0.0000	NA	\$0.0000	
Digitl Circ - Pair Gain - C.O. - Def. Plug-in - MCEP W/O Sp. Stock	257C	12	\$10.0296	0.0045	\$0.0451	0.1163	\$1.1661	NA	\$0.0000	NA	\$0.0000	
Digitl Circ - Pair Gain - Prem - Hardwired - Power Only	257C	19	\$0.0087	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Digitl Circ - Pair Gain - Prem - Com. Plug-in - Power Only	257C	22	\$0.0100	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Digitl Circ - Pair Gain - Prem - Def. Plug-in - Power Only W/O Sp. Stock	257C	28	\$0.0350	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Digitl Circ - Pair Gain - Remote - Hardwired - Power Only	257C	37	\$131.1680	0.0045	\$0.5892	0.1163	\$15.2506	NA	\$0.0000	NA	\$0.0000	
Digitl Circ - Pair Gain - Remote - Com. Plug-in - Power Only	257C	40	\$56.9091	0.0045	\$0.2556	0.1163	\$6.6167	NA	\$0.0000	NA	\$0.0000	
Digitl Circ - Pair Gain - Remote - Def. Plug-in - Power Only W/O Sp. Stock	257C	46	\$43.4263	0.0045	\$0.1951	0.1163	\$5.0491	NA	\$0.0000	NA	\$0.0000	
Digital Elec Switch - MDF	377C	05	\$4.9884	0.0045	\$0.0224	0.1163	\$0.5800	NA	\$0.0000	NA	\$0.0000	
Buried Ca - Metal	45C	00	\$44.9364	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Buried Ca - Metal - Drop	45C	01	\$49.8456	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Buried Ca - Metal 24-Guage	45C4	00	\$264.2141	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Intrbld Network - Metal	52C	00	\$2.2074	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Intrbld Network - Metal 24-Guage	52C4	00	\$0.2350	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Underground Ca - Metal	5C	00	\$18.7506	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	0.8282	\$15.5286	
Underground Ca - Metal 24-Guage	5C4	00	\$26.1532	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	0.8282	\$21.6593	
Aerial Ca - Fiber - Building Entrance	812C	00	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Aerial Ca - Fiber	822C	00	\$18.1606	NA	\$0.0000	NA	\$0.0000	0.3217	\$5.8431	NA	\$0.0000	
Buried Ca - Fiber	845C	00	\$35.1610	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	
Underground Ca - Fiber	85C	00	\$3.4200	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	0.8282	\$2.8323	
					<b>FRC 20C:</b>	<b>\$1.3302</b>	<b>FRC 10C:</b>	<b>\$34.4301</b>	<b>FRC 1C:</b>	<b>\$46.5107</b>	<b>FRC 4C:</b>	<b>\$40.0203</b>

**Tennessee  
2-Wire Voice Grade Loop**

		A	B=AxFactor	C=AxFactor	D=AxFactor	E=AxFactor	F=AxFactor	I=(B+C+D +E+F)
Description	FRC	Investment	Depreciation & Factor	Cost of	Income	Plant	Ad Valorem	Direct
				Money & Factor	Tax & Factor	Specific Expense & Factor	Expense & Factor	
Buildings - COE	10C	\$34.4301	\$0.7217 0.0210	\$3.0750 0.0893	\$1.4587 0.0424	\$2.5550 0.0742	\$0.3119 0.0091	\$8.1223
Aerial Ca - Metal - Building Entrance	12C	\$0.0476	\$0.0037 0.0775	\$0.0032 0.0669	\$0.0015 0.0317	\$0.0018 0.0382	\$0.0004 0.0091	\$0.0106
Poles	1C	\$46.5107	\$2.0397 0.0439	\$3.3622 0.0723	\$1.5949 0.0343	\$1.4287 0.0307	\$0.4213 0.0091	\$8.8469
Land - COE	20C	\$1.3302	\$0.0000 0.0000	\$0.1496 0.1125	\$0.0710 0.0534	\$0.0000 0.0000	\$0.0120 0.0091	\$0.2326
Aerial Ca - Metal	22C	\$126.3970	\$9.7938 0.0775	\$8.4508 0.0669	\$4.0088 0.0317	\$4.8323 0.0382	\$1.1449 0.0091	\$28.2306
Aerial Ca - Metal - Drop	22C	\$19.8198	\$1.5357 0.0775	\$1.3251 0.0669	\$0.6286 0.0317	\$0.7577 0.0382	\$0.1795 0.0091	\$4.4267
Digitl Circ - Pair Gain	257C	\$291.1940	\$32.6962 0.1123	\$14.2920 0.0491	\$6.7796 0.0233	\$5.0808 0.0174	\$2.6376 0.0091	\$61.4862
Digital Elec Switch	377C	\$4.9884	\$0.4919 0.0986	\$0.2561 0.0513	\$0.1215 0.0244	\$0.1412 0.0283	\$0.0452 0.0091	\$1.0559
Buried Ca - Metal	45C	\$309.1505	\$22.2237 0.0719	\$20.8652 0.0675	\$9.8977 0.0320	\$8.4921 0.0275	\$2.8002 0.0091	\$64.2789
Buried Ca - Metal - Drop	45C	\$49.8456	\$3.5832 0.0719	\$3.3642 0.0675	\$1.5958 0.0320	\$1.3692 0.0275	\$0.4515 0.0091	\$10.3639
Conduit Systems	4C	\$40.0203	\$0.4731	\$3.2942	\$1.5626	\$0.0582	\$0.3625	\$5.7506

**Tennessee  
2-Wire Voice Grade Loop**

		A	B=AxFactor	C=AxFactor	D=AxFactor	E=AxFactor	F=AxFactor	I=(B+C+D +E+F)
<u>Description</u>	<u>FRC</u>	<u>Investment</u>	<u>Depreciation &amp; Factor</u>	<u>Cost of Money &amp; Factor</u>	<u>Income Tax &amp; Factor</u>	<u>Plant Specific Expense &amp; Factor</u>	<u>Ad Valorem Expense &amp; Factor</u>	<u>Direct Cost</u>
			0.0118	0.0823	0.0390	0.0015	0.0091	
Intrbld Network - Metal	52C	\$2.4424	\$0.1413	\$0.1625	\$0.0771	\$0.0031	\$0.0221	\$0.4062
			0.0579	0.0665	0.0316	0.0013	0.0091	
Underground Ca - Metal	5C	\$44.9038	\$3.5283	\$2.9997	\$1.4229	\$0.7801	\$0.4067	\$9.1377
			0.0786	0.0668	0.0317	0.0174	0.0091	
Aerial Ca - Fiber - Building Entrance	812C	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			0.0600	0.0665	0.0316	0.0081	0.0091	
Aerial Ca - Fiber	822C	\$18.1606	\$1.0890	\$1.2085	\$0.5733	\$0.1479	\$0.1645	\$3.1832
			0.0600	0.0665	0.0316	0.0081	0.0091	
Buried Ca - Fiber	845C	\$35.1610	\$1.9422	\$2.3647	\$1.1217	\$0.0930	\$0.3185	\$5.8402
			0.0552	0.0673	0.0319	0.0026	0.0091	
Underground Ca - Fiber	85C	\$3.4200	\$0.1960	\$0.2264	\$0.1074	\$0.0168	\$0.0310	\$0.5776
			0.0573	0.0662	0.0314	0.0049	0.0091	
		<u>\$1,027.8219</u>						<u>\$211.9502</u>
Monthly Cost(Total / 12):								\$17.6625

**Tennessee  
2-Wire Voice Grade Loop**

		A	B=Prev Rpt Col I	C	D=AxC	E=B+D
<u>Description</u>	<u>FRC</u>	<u>Investment</u>	<u>Direct Cost</u>	<u>Shared Cost Factor</u>	<u>Shared Cost</u>	<u>ir. &amp; Shrd.</u>
Buildings - COE	10C	\$34.4301	\$8.1223	0.0001	\$0.0037	\$8.1260
Aerial Ca - Metal - Building Entrance	12C	\$0.0476	\$0.0106	0.0277	\$0.0013	\$0.0120
Poles	1C	\$46.5107	\$8.8469	0.0137	\$0.6386	\$9.4855
Land - COE	20C	\$1.3302	\$0.2326	0.0000	\$0.0000	\$0.2326
Aerial Ca - Metal	22C	\$126.3970	\$28.2306	0.0277	\$3.4987	\$31.7293
Aerial Ca - Metal - Drop	22C	\$19.8198	\$4.4267	0.0277	\$0.5486	\$4.9753
Digtl Circ - Pair Gain	257C	\$291.1940	\$61.4862	0.0171	\$4.9838	\$66.4700
Digital Elec Switch	377C	\$4.9884	\$1.0559	0.0167	\$0.0832	\$1.1392
Buried Ca - Metal	45C	\$309.1505	\$64.2789	0.0246	\$7.5915	\$71.8704
Buried Ca - Metal - Drop	45C	\$49.8456	\$10.3639	0.0246	\$1.2240	\$11.5880
Conduit Systems	4C	\$40.0203	\$5.7506	0.0098	\$0.3924	\$6.1430

**Tennessee  
2-Wire Voice Grade Loop**

		A	B=Prev Rpt Col I	C	D=AxC	E=B+D
<u>Description</u>	<u>FRC</u>	<u>Investment</u>	<u>Direct Cost</u>	<u>Shared Cost Factor</u>	<u>Shared Cost</u>	<u>ir. &amp; Shrd.</u>
Intrbld Network - Metal	52C	\$2.4424	\$0.4062	0.0135	\$0.0329	\$0.4391
Underground Ca - Metal	5C	\$44.9038	\$9.1377	0.0191	\$0.8570	\$9.9947
Aerial Ca - Fiber - Building Entrance	812C	\$0.0000	\$0.0000	0.0219	\$0.0000	\$0.0000
Aerial Ca - Fiber	822C	\$18.1606	\$3.1832	0.0219	\$0.3968	\$3.5801
Buried Ca - Fiber	845C	\$35.1610	\$5.8402	0.0151	\$0.5321	\$6.3723
Underground Ca - Fiber	85C	\$3.4200	\$0.5776	0.0177	\$0.0604	\$0.6379
		\$1,027.8219	\$211.9502		\$20.8452	\$232.7954
Monthly Costs (Total / 12):			\$17.6625		\$1.7371	\$19.3996

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**Recurring Cost Summary**

Primary Res. and Single Line Bus.

**Tennessee  
Exchange Port - 2-Wire Line Port**

<u>Description</u>	<u>Volume Sensitive</u>			<u>Volume Insensitive</u>		
	<u>Direct Cost</u>	<u>Shared Cost</u>	<u>Dir. &amp; Shrd.</u>	<u>Direct Cost</u>	<u>Shared Cost</u>	<u>Dir. &amp; Shrd.</u>
Recurring Cost Development Reports	\$1.1643	\$0.0810	\$1.2453	\$0.0783	\$0.0000	\$0.0783
LABOR EXPENSES:						
OTHER EXPENSES:						
Total Monthly Cost	<u>\$1.1643</u>	<u>\$0.0810</u>	<u>\$1.2453</u>	<u>\$0.0783</u>	<u>\$0.0000</u>	<u>\$0.0783</u>
Gross Receipts Tax Factor			X 1.0000			X 1.0000
Cost (Including Gross Receipts Tax)			<u>\$1.2453</u>			<u>\$0.0783</u>
Common Cost Factor			X 1.0000			X 1.0000
Monthly Economic Cost			<u>\$1.2453</u>			<u>\$0.0783</u>

**Total Monthly Economic Cost: \$1.3236**



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Investment Development - Volume Sensitive

Primary Res. and Single Line Bus.

Tennessee  
Exchange Port - 2-Wire Line Port

		A	B	C=AxB	D1	D2	D3	D4	D5	E=Cx(D1xD2 x...xD5)	F	G=ExF	
In-Plant Factors (Default = 1)												Supporting Equipment &/or Power Loading	Total Investment
Description	FRC	Sub FRC	Material	Inflation Factor	Adjusted Material	Plug-in Inventory Factor	Mat'l Factor	Telco Factor	Plug-in Factor	Hardwire Factor	In-Plant Investment		
Digital Elec Switch - Vendor EF&I - MCEP	377C	03	\$45.1102	1.0338	\$46.6336	NA	NA	1.1205	NA	NA	\$52.2528	1.1146	\$58.2393
Digital Elec Switch - MDF	377C	05	\$0.0000	1.0338	\$0.0000	NA	1.3120	NA	NA	NA	\$0.0000	1.1146	\$0.0000
Intangibles - Network Switch Software RTU	560C	00	\$0.0000	NA	\$0.0000	NA	NA	NA	NA	NA	\$0.0000	NA	\$0.0000
											\$52.2528		\$58.2393

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Land, Building, Pole, and Conduit Investment Development - Volume Sensitive

Primary Res. and Single Line Bus

Tennessee  
Exchange Port - 2-Wire Line Port

			A=Prev Page Col G	B	C=AxB	D	E=AxD	F	G=AxF	H	I=AxH
Description	FRC	Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
Digital Elec Switch - Vendor EF&I - MCEP	377C	03	\$58.2393	0.0045	\$0.2616	0.1163	\$6.7713	NA	\$0.0000	NA	\$0.0000
Digital Elec Switch - MDF	377C	05	\$0.0000	0.0045	\$0.0000	0.1163	\$0.0000	NA	\$0.0000	NA	\$0.0000
Intangibles - Network Switch Software RTU	560C	00	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
				<b>FRC 20C:</b>	<u>\$0.2616</u>	<b>FRC 10C:</b>	<u>\$6.7713</u>	<b>FRC 1C:</b>	<u>\$0.0000</u>	<b>FRC 4C:</b>	<u>\$0.0000</u>

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## Recurring Direct Cost Development - Volume Sensitive

Primary Res. and Single Line Bus.

**Tennessee  
Exchange Port - 2-Wire Line Port**

Description	FRC	Investment	A	B=AxFactor	C=AxFactor	D=AxFactor	E=AxFactor	F=AxFactor	I=(B+C+D+E+F)
				Depreciation & Factor	Cost of Money & Factor	Income Tax & Factor	Plant Specific Expense & Factor	Ad Valorem Expense & Factor	Direct Cost
Buildings - COE	10C	\$6.7713		\$0.1419 0.0210	\$0.6048 0.0893	\$0.2869 0.0424	\$0.5025 0.0742	\$0.0613 0.0091	\$1.5974
Poles	1C	\$0.0000		\$0.0000 0.0439	\$0.0000 0.0723	\$0.0000 0.0343	\$0.0000 0.0307	\$0.0000 0.0091	\$0.0000
Land - COE	20C	\$0.2616		\$0.0000 0.0000	\$0.0294 0.1125	\$0.0140 0.0534	\$0.0000 0.0000	\$0.0024 0.0091	\$0.0458
Digital Elec Switch	377C	\$58.2393		\$5.7429 0.0986	\$2.9902 0.0513	\$1.4184 0.0244	\$1.6490 0.0283	\$0.5275 0.0091	\$12.3281
Conduit Systems	4C	\$0.0000		\$0.0000 0.0118	\$0.0000 0.0823	\$0.0000 0.0390	\$0.0000 0.0015	\$0.0000 0.0091	\$0.0000
Intangibles - Network Switch Software RTU	560C	\$0.0000		\$0.0000 0.3333	\$0.0000 0.0525	\$0.0000 0.0249	\$0.0000 NA	\$0.0000 0.0091	\$0.0000
		<u>\$65.2722</u>							<u>\$13.9712</u>
Monthly Cost(Total / 12):									\$1.1643

11/6/2001

**Recurring Cost Development - Volume Sensitive**

Primary Res. and Single Line Bus.

**Tennessee  
Exchange Port - 2-Wire Line Port**

		A	B=Prev Rpt Col I	C	D=AxC	E=B+D
			</			

**Tennessee**  
**Exchange Port - 2-Wire Line Port**

Description	FRC	Sub FRC	A Material	B Inflation Factor	C=AxB Adjusted Material	D1 Plug-in Inventory Factor	D2 Mat'l Factor	D3 Telco Factor	D4 Plug-in Factor	D5 Hardwire Factor	E=Cx(D1xD2 x...xD5) In-Plant Investment	F Supporting Equipment &/or Power Loading	G=ExF Total Investment
Digital Elec Switch - Vendor EF&I - MCEP	377C	03	\$0.0000	1.0338	\$0.0000	NA	NA	1.1205	NA	NA	\$0.0000	1.1146	\$0.0000
Digital Elec Switch - MDF	377C	05	\$0.0000	1.0338	\$0.0000	NA	1.3120	NA	NA	NA	\$0.0000	1.1146	\$0.0000
Intangibles - Network Switch Software RTU	560C	00	\$2.2379	NA	\$2.2379	NA	NA	NA	NA	NA	\$2.2379	NA	\$2.2379
											<u>\$2.2379</u>		<u>\$2.2379</u>

**Tennessee**  
**Exchange Port - 2-Wire Line Port**

			A=Prev Page Col G	B	C=AxB	D	E=AxD	F	G=AxF	H	I=AxH
<u>Description</u>	<u>FRC</u>	<u>Sub FRC</u>	<u>Investment</u>	<u>Land Factor</u>	<u>Land Investment</u>	<u>Building Factor</u>	<u>Building Investment</u>	<u>Pole Factor</u>	<u>Pole Investment</u>	<u>Conduit Factor</u>	<u>Conduit Investment</u>
Digital Elec Switch - Vendor EF&I - MCEP	377C	03	\$0.0000	0.0045	\$0.0000	0.1163	\$0.0000	NA	\$0.0000	NA	\$0.0000
Digital Elec Switch - MDF	377C	05	\$0.0000	0.0045	\$0.0000	0.1163	\$0.0000	NA	\$0.0000	NA	\$0.0000
Intangibles - Network Switch Software RTU	560C	00	\$2.2379	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000	NA	\$0.0000
				<b>FRC 20C:</b>	<u>\$0.0000</u>	<b>FRC 10C:</b>	<u>\$0.0000</u>	<b>FRC 1C:</b>	<u>\$0.0000</u>	<b>FRC 4C:</b>	<u>\$0.0000</u>

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## Recurring Direct Cost Development - Volume Insensitive

Primary Res. and Single Line Bus.

**Tennessee**  
**Exchange Port - 2-Wire Line Port**

		A	B=AxFactor	C=AxFactor	D=AxFactor	E=AxFactor	F=AxFactor	I=(B+C+D +E+F)
						Plant Specific Expense & Factor	Ad Valorem Expense & Factor	
Description	FRC	Investment	Depreciation & Factor	Cost of Money & Factor	Income Tax & Factor			Direct Cost
Land - COE	20C	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			0.0000	0.1125	0.0534	0.0000	0.0091	
Buildings - COE	10C	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			0.0210	0.0893	0.0424	0.0742	0.0091	
Poles	1C	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			0.0439	0.0723	0.0343	0.0307	0.0091	
Conduit Systems	4C	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			0.0118	0.0823	0.0390	0.0015	0.0091	
Digital Elec Switch	377C	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
			0.0986	0.0513	0.0244	0.0283	0.0091	
Intangibles - Network Switch Software RTU	560C	\$2.2379	\$0.7460	\$0.1175	\$0.0557	\$0.0000	\$0.0203	\$0.9394
			0.3333	0.0525	0.0249	NA	0.0091	
		<u>\$2.2379</u>						<u>\$0.9394</u>
Monthly Cost(Total / 12):								\$0.0783

11/6/2001

**Recurring Cost Development - Volume Insensitive**

Primary Res. and Single Line Bus.

**Tennessee  
Exchange Port - 2-Wire Line Port**

		A	B=Prev Rpt Col I	C	D=AxC	E=B+D
<u>Description</u>	<u>FRC</u>	<u>Investment</u>	<u>Direct Cost</u>	<u>Shared Cost Factor</u>	<u>Shared Cost</u>	<u>ir. &amp; Shrd.</u>
Land - COE	20C	\$0.0000	\$0.0000	0.0000	\$0.0000	\$0.0000
Buildings - COE	10C	\$0.0000	\$0.0000	0.0001	\$0.0000	\$0.0000
Poles	1C	\$0.0000	\$0.0000	0.0137	\$0.0000	\$0.0000
Conduit Systems	4C	\$0.0000	\$0.0000	0.0098	\$0.0000	\$0.0000
Digital Elec Switch	377C	\$0.0000	\$0.0000	0.0167	\$0.0000	\$0.0000
Intangibles - Network Switch Software RTU	560C	\$2.2379	\$0.9394	NA	\$0.0000	\$0.9394
		\$2.2379	\$0.9394		\$0.0000	\$0.9394
Monthly Costs (Total / 12):			\$0.0783		\$0.0000	\$0.0783